



Bizmatrix Training

2015 Training Opportunities

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Our team

The Bizmatrix team has extensive experience in gas, electrical, education, project building and technical sales. Opening in 2007 as an initiative for further education in gas and electrical, Bizmatrix has expanded from short courses to now offering full certificates in training, traineeship programs, first aid courses and more. From this, we have developed a wholehearted and holistic approach towards training and education. We truly believe that every student, customer or client who walks through our doors deserves the highest level of service, and we aim to provide you with a positive and memorable experience; through developing new skills and integrating safe work methods into every day work. From day one of training, all the way to integrating your new skills onsite in the workplace. After training has been completed, we work hard to stay in contact with each and every one of our students, and look forward to hearing about success stories.

Bizmatrix work closely with industry departments and with a broad range of students from Fuji Xerox, Queensland Academy for Creative Industries, Prestige Appliance Repairs, Refrigeration House of Queensland, Alinta Energy, Air & Gas Industries, Seetal Spray Booths, Queensland Alumina Limited, Jemena, Tinus Electrical Pty Ltd, Rio Tinto, Hungry Jacks, J L Leannard, Cookon Catering, AGL Energy, Origin Energy, Ergon Energy, Pepsico Australia and New Zealand, ACTPLA, Canberra Environment and Sustainable Development Construction Services, Bundaberg Regional Council and more! If your company needs technical training in Workplace Health Safety, gas or electrical for groups of 10+ people, contact us now for a free consultation about how we can tailor training specifically to suit your organisation.

Gas Training

Bizmatrix provide gas training in Type A and Type B Gas, Certificate III in Gas Fitting (optional funded apprenticeship program), and Bosch Hot Water technical training. Our trainers have over 20 years of experience in the gas and electrical industry providing you with safe and reliable training methods, tailored to your learning needs.

Certificate III in Gas Fitting

This course will enable participants to install, alter, remove, repair, service and test type A domestic and commercial appliances under supervision, after applying for and being granted their interim gas work licence.

WHO CAN DO IT?

The course is open to non-tradespersons or licensed tradespersons within the plumbing, electrical, mechanical, electronics, metal work, refrigeration and air-conditioning fields, who are required to work on and install, commission and service Type A gas appliances, gas pipework for Type A and B gas appliances, reticulated gas supplies including gas cylinders/gas tanks, mobile and portable caravans and marine installations.

- Qualified plumbers who hold a current Queensland plumbing licence are exempt from the plumbing units of training course.
- For more details see notes from QLD Department of Natural Resources and Mines for details on what the licence entails and what is needed to obtain interim licence, found here [QLD Gas Work Licence Notes 2011](#).

UNITS COVERED

	Early bird	Standard
PRICING		
CERTIFICATE III IN GAS FITTING	\$7,300	\$7,900
CERTIFICATE III IN GAS FITTING WITH RECOGNITION OF PRIOR LEARNING FOR GAS WORK LICENCE	\$5,300	\$5,900

CERTIFICATE III IN GAS FITTING KEY POINTS

- ▲ **19-20 DAYS OF ONSITE TRAINING**
Some E-Learning is to be complete prior to 18 days of onsite training.
- ▲ **INTERIM LICENCE TO FULL GAS LICENCE**
Upon completion of training, students will receive their interim licence, then one year on students will need to complete four units from Certificate IV in Plumbing and Gas Services (not included in this training package) to apply for their open gas licence.
- ▲ **INTERACTIVE TRAINING**
Students are put through an interactive training program with all appliances provided on sight for students to gain real world experience.
- ▲ **POINT OF DIFFERENCE**
Bizmatrix Certificate III in Gas Fitting is a full qualification, therefore upon successful completion students will be given a nationally accredited Certificate III in Gas Fitting. Beware that many other training organisations only offer a record of results for units complete and not a full Certificate III.

Certificate III in Gas Fitting Units

UNIT CODE	UNIT TITLE
Stage 1	CPCPCM2041A Work effectively in the plumbing and services sector CPCPCM2039A Carry out interactive workplace communication CPCPCM2043A Carry out WHS requirements HLTF211A Provide basic emergency life support CPCPCM4011A Carry out work based risk control processes CPCPGS3052A Maintain Type A gas appliances CPCPGS3051A Purging consumer piping CPCPGS3053A Disconnect and reconnect Type A appliances CPCPGS3054A Calculate and install natural ventilation for Type A appliances
Stage 2	CPCPGS3058A Install and commission Type A gas appliances CPCPCM2040A Read plans and calculate plumbing quantities CPCPCM2045A Handle and store plumbing materials CPCPCM2046A Use plumbing hand and power tools CPCPCM2047A Carry out levelling CPCPCM2048A Cut and join sheet metal CPCPCM2050A Mark out materials CPCPGS3049A Install Type A gas appliance flues CPCPCM3021A Flash penetrations through roofs and walls CPCCCM2008B Erect and dismantle restricted height scaffolding CPCCCM2010B Work safely at heights CPCPCM2052A Weld using oxy-acetylene equipment CPCCCM2053A Weld using manual metal arc welding equipment CPCPCM2049A Cut using oxy-LPG-acetylene equipment CPCPCM2048A Cut and join sheet metal
Stage 3	CPCPCM3022A Weld polyethylene and polypropylene pipes using fusion CPCPCM2055A Work safely on roofs CPCPCM3023A Fabricate and install non-ferrous pressure piping CPCPMS3031A Fabricate and install steel pressure piping CPCPGS3048A Install gas pressure control equipment CPCPGS3056A Install gas piping systems CPCPGS3057A Size consumer gas piping systems CPCPGS3055A Install gas sub-meters
Stage 4	CPCPGS3059A Install LPG storage of aggregate storage capacity up to 500 litres CPCPGS3060A Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8KL CPCPGS3046A Install LPG systems in caravans, mobile homes and mobile workplaces CPCPGS3047A Install LPG systems in marine craft

Gas Work Licence – Restricted to Service (with caravan unit option)

The Gas Work Licence – Restricted to Servicing is made of selected units from CPC32713 Certificate III in Gas Fitting. It is designed to enable participants to service Type A domestic and commercial gas appliances, by applying for their Queensland Gas Work Licence – Restricted to Service Type A gas appliances. It can also be used as pathway to complete the Certificate III in Gas Fitting.

The subjects are from CPC32713 Certificate III in Gas Fitting and gas subjects from CPC40912 Certificate IV in Plumbing and Services.

WHO CAN DO IT?

This course is open to anyone looking to gain further comprehensive knowledge, additional qualifications, licensing and knowledge in servicing Type A appliances. This includes (but is not only for) licensed tradespersons within the plumbing, electrical, mechanical, electronics, instrumentation, domestic and commercial appliance repairs, metal work, refrigeration and air-conditioning industries who are required to work on Type A domestic and commercial gas appliances.

UNITS COVERED

	Early bird	Standard
PRICING		
RESTRICTED GAS LICENCE UNITS 10 UNITS	\$4,100	\$4,600
RESTRICTED GAS LICENCE UNITS 10 UNITS + CARAVAN UNIT (\$600)	\$4,700	\$5,200

GAS WORK LICENCE – RESTRICTED TO SERVICE

KEY POINTS

- ▲ **9 DAYS OF ONSITE TRAINING**
Some E-Learning is to be complete prior to 8 days of onsite training.
- ▲ **INTERIM LICENCE – SERVICE GAS APPLIANCES**
Students will be able to complete a full service of Type A domestic and commercial gas appliances.
- ▲ **INTERACTIVE TRAINING**
Students are put through an interactive training program with all appliances provided onsite for students to gain real world experience.
- ▲ **CARAVAN CERTIFICATION UNIT**
Upon completion of the Gas Work Licence Restricted to Service with Caravan option successful students will be able to issue Gas System Compliance Certificates to meet the relevant inspection/certification requirements. Gas System Compliance Certificates may only be issued for caravan, RV's and motorhomes, and boats/marine do not fall under this unit.

Gas Work Licence – Restricted to Service Units

UNIT CODE	UNIT TITLE
Stage 1	CPCPCM2039A Carry out interactive workplace communication
	CPCPCM2041A Work effectively in the plumbing and services sector
	CPCPCM2043A Carry out WHS requirements
	CPCPGS3051A Purging consumer piping
	CPCPGS3052A Maintain Type A gas appliances
	CPCPGS3053A Disconnect and reconnect Type A appliances
	CPCPGS3054A Calculate and install natural ventilation for Type A appliances
	CPCPCM4011A Carry out work based risk control processes
	CPCPGS4022A Service Type A gas appliances
	HLTAID002 Provide basic emergency life support
	CPCPGS3054A Calculate and install natural ventilation for Type A appliances
	+ Optional caravan unit CPCGS3046A Install LPG systems in caravans, mobile homes and mobile workplaces

Type B Gas Course

This unit is selected from CPC40912 Certificate IV in Plumbing and Service. The unit to be complete is: CPCPGS4023B Install, commission and service Type B gas appliances. The unit is delivered by qualified, experienced and industry current trainers/assessors. Each student will receive a comprehensive training manual, **Voyage Of Discovery Manual a technical time machine** of Type B information to guide them on their training journey, with real life theoretical training scenarios and simulators.

WHO CAN DO IT?

Those looking to learn about, or seeking to expand their qualifications, upskill, increase their professional development on Type B industrial gas appliances installing, commissioning and servicing Type B industrial gas appliances in the plumbing, gas and electrical sector.

The applicant **must have a restricted electrical permit**, license, or an equivalent electrical qualification to receive the Statement of Attainment on completing the unit. To complete the Restricted Electrical training you must have a base trade or calling, please see list of eligible base trades or callings here.

UNITS COVERED

Pricing	Early bird	Standard
10 DAY TRAINING COURSE	\$4,100	\$4,600
TYPE B WITH RESTRICTED ELECTRICAL	\$4,100 + \$1,990	\$4,600 + \$1,990

UNIT CODE	UNIT TITLE
Type B Gas	CPCPGS4023B Install, commission and service Type B gas appliances
Restricted Electrical Units	UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace UEENEEP010A Disconnect / reconnect appliances connected to low voltage installation wiring (230Vac) UEENEEP016A Locate and rectify faults in low voltage appliances using set procedures (230Vac) UEENEEP026A Conduct in-service safety testing of electrical cord connected equipment and cord assemblies

TYPE B GAS COURSE

KEY POINTS

- ▲ **10 DAYS OF ONSITE TRAINING**
Some E-Learning is to be complete prior to 10 days of onsite training.
- ▲ **INTERACTIVE TRAINING**
Students are put through an interactive training program with all appliances provided on sight for students to gain real world experience.
- ▲ **UNIQUE OPPORTUNITY**
Bizmatrix is the only training organization in Australia to offer the unique Type B & Restricted electrical blended training program, enabling you to gain two qualifications easily and efficiently.
- ▲ **EXCLUSIVE RESOURCES**
The Bizmatrix **Voyage of Discovery** is a trademarked student manual that has been tailor made to cater to students training needs. This resource will last students for many years in which they can find a wealth of information around Type B Gas work. It is something that many exterior Type B gas fitters are lacking, and aren't fortunate to have this option to turn to when they have questions in Type B gas.

Type B Gas Flues

This unit of competency specifies the outcomes required to install flue systems for Type B gas appliances. Work may also involve the installation of power flue applications. The design requirements of this unit are limited to the application of the design to layout and installation.

WHO CAN DO IT?

Anyone who has completed a Certificate III in Gas Fitting or completed the pre-requisite CPCPCM2043 Carry out WHS requirements. Those seeking to achieve the licencing requirements in Canberra ACT for a restricted Type B gas appliance licence or other licencing requirements. In some jurisdictions, this unit of competency may form part of accreditation, licencing, legislative, and regulatory or certification requirements.

Note this unit maybe a licence requirement in some areas. It is highly recommended to complete this work if you are accredited for Type B works.

UNITS COVERED

Pricing	Early bird	Standard
CPCPGS3050A INSTALL TYPE B GAS APPLIANCE FLUES	\$990	\$1,200

TYPE B GAS FLUES

KEY POINTS

▲ 1 DAY ONSITE TRAINING

Students to complete pre-course E-Learning pack prior to attending the Type B gas appliance flues one day practical training and assessment course. Upon successful completion of the theory and practical the student will receive their Statement of Attainment.

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▲ INTERACTIVE TRAINING

Students are put through an interactive training program with all appliances provided on sight for students to gain real world experience.

Advanced Type B Gas Course

CPCPPS5001B Design industrial gas systems specifies the outcomes required to design industrial gas systems in compliance with Industrial Equipment Code (IEC) requirements, including the design of valve trains, interlocks, pipework and equipment.

WHO CAN DO IT?

Those who are currently working in the Type B Gas sector, who are Type B gas authorised or Restricted Type B gas licenced and have completed CPCPGS4023B or equivalent. Those employed in the industry, that are required to design, complete and submit the following:

- Type B gas submissions
- Required to approve Type B gas submissions
- Work on advanced Type B gas systems
- Create advanced industrial specifications

UNITS COVERED

Pricing	Early bird	Standard
CPCPPS5001B DESIGN INDUSTRIAL GAS SYSTEMS	\$4,700	\$4,900

ADVANCED TYPE B GAS KEY POINTS

▲ 5 DAYS OF ONSITE TRAINING + 3 DAYS

The course is completed over a two (2) month period, commencing with a five (5) day onsite training period, supported by an E-Learning training system. After training, you will have two months to complete your portfolio of work, which will be a project as assigned in the first step. After the two-month period, the student will submit the portfolio in the final three (3) day training period.

▲ REQUIREMENTS

There are no pre-requisites for the unit CPCPPS5001B. It is highly recommended before undertaking this course the participant has:

- Completed CPCPGS4023B Install, commission and service Type B Gas appliances or an equivalent unit.
- And/or has evidence of, or equivalent install, commissioning and servicing of type b gas appliances
- Has solid knowledge of electrical gas control systems
- Recognition of prior learning (RPL) consideration will be given to participants who may be eligible for it

Certificate IV in Plumbing and Services – Post Gas Training Units

The Post Gas Work interim units as offered by Bizmatrix are designed to enable participants who successfully complete the Certificate III in Gas Fitting and have held an interim gas licence, to apply for their open first year Gas Work Licence.

WHO CAN DO IT?

This course is open to those who have completed the Certificate III in Gas Fitting or Gas Work Licence (Interim) post 12 months application or in progress with a Restricted Gas Licence.

UNITS COVERED

Pricing – Per unit	Standard
CPCPCM4011A CARRY OUT WORK-BASED RISK CONTROL PROCESSES +	\$450
CPCPGS4022A SERVICE TYPE A GAS APPLIANCES +	\$1,980
CPCPCM4012A ESTIMATE AND COST WORK **	\$450
CPCPGS4011C DESIGN AND SIZE CONSUMER GAS INSTALLATIONS **	\$450

+ Practical training required

** No practical or onsite training required

Pricing – Units clustered	Standard
CPCPCM4011A CARRY OUT WORK-BASED RISK CONTROL PROCESSES CPCPGS4022A SERVICE TYPE A GAS APPLIANCES	\$2,180
CPCPCM4012A ESTIMATE AND COST WORK CPCPGS4011C DESIGN AND SIZE CONSUMER GAS INSTALLATIONS	\$800
CPCPCM4011A CARRY OUT WORK-BASED RISK CONTROL PROCESSES CPCPGS4022A SERVICE TYPE A GAS APPLIANCES CPCPCM4012A ESTIMATE AND COST WORK CPCPGS4011C DESIGN AND SIZE CONSUMER GAS INSTALLATIONS	\$2,680

CERTIFICATE IV IN PLUMBING & SERVICES – POST GAS TRADE UNITS

KEY POINTS

- ▲ **CORRESPONDENCE OR 5 DAYS OF ONSITE TRAINING**
After sign up, books will be sent out to complete. There is no practical requirement for Estimate and Cost Work/Design and Size units, however the other two units require onsite training.
- ▲ **REQUIREMENTS**
Students should have completed their Certificate III in Gas Fitting to complete these units. The Certificate IV units are designed to be completed during the gas work licence interim period.

Electrical Training

Looking at completing electrical training in Queensland? Bizmatrix are a leading electrical training organisation in Queensland who provide a high level of electrical training on a range of appliances. Our detailed practical training gives you real world experience and builds your confidence to work in the electrical industry in line with the Australian Codes and Standards.

Our electrical training structure is split up into two parts, first students must complete electrical training theory which is completed through E-Learning and required to be complete prior to onsite training. Next the student must come onsite for practical training, which enables them to gain confidence and apply their electrical training skills onsite.

Bizmatrix also provide one day Test and Tag electrical training which can be completed onsite or at your chosen location if you have a group of 6 or more students. This course structure requires E-Learning prior to onsite training too. Electrical trainers go through in detail practical skills and training information so that you are more than competent to safely test and tag appliances.

Restricted Electrical Course

The Restricted Electrical Licence Course is open to those with a call of trade or base trade, such as a mechanical fitter, instrument technician, refrigeration mechanic, air-conditioning mechanic, plumber, gas fitter or tradesperson who is servicing equipment with electrical controls or portable appliances with electrical controls. A field experience Log Book is required to be completed within a twelve-month period.

WHO CAN DO IT?

Tradesperson with an electrical permit, obtained through Queensland Department of Electrical Safety or non-electrical permit training, like Type B gas course students who can complete restricted electrical with institutional training.

To complete the Restricted Electrical training you must have a base trade or calling, please see list of eligible base trades or callings here.

UNITS COVERED

PRICING	STANDARD
Determined by electrical permit	
MINIMUM UNITS	\$1,990
ALL STUDENTS COMPLETE TEST AND TAG DISCONNECT RECONNECT ONLY SKILLSET WHS – DR 250VAC & 415VAC – TEST AND TAG – ELECTRICAL PERMIT & LOG BOOK	
HALF UNITS	\$2,600
DISCONNECT / RECONNECT & LOCATE RECTIFY FAULTS 230VAC WHS – DR – LR 230VAC AND TEST AND TAG- ELECTRICAL PERMIT & LOG BOOK	
ALL UNITS	\$3,200
ALL RESTRICTED ELECTRICAL UNITS- ELECTRICAL PERMIT & LOG BOOK WHS – DR – LR – PC 230VAC/ 415VAC. TEST &TAG	

RESTRICTED ELECTRICAL KEY POINTS

- ▲ **E-LEARNING OR 5 – 9 DAYS WITH ONSITE TRAINING**
The training delivery time will vary; it will depend on the quality of electrical subjects or units. Each program has a blended delivery with E-learning on-line components approximately 3-4 days of online theory and 4-5 days of comprehensive practical training on site at Bizmatrix training centre, Brendale.
- ▲ **REQUIREMENTS**
To undertake this course, participants must obtain an electrical permit prior to commencing, for training in Queensland, form can be found here. If the training is blended with the Bizmatrix Type B gas course – no permit is required, however a base trade or calling still is.

Restricted Electrical Units

UNIT TITLE	
UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace
UEENEEP010A	Disconnect – reconnect composite appliances connected to low voltage installation wiring
UEENEEP013A	Disconnect – reconnect control devices connected to low voltage installation wiring
UEENEEP014A	Disconnect – reconnect water heaters connected to low voltage installation wiring
UEENEEP015A	Disconnect – reconnect motors connected to low voltage installation wiring
UEENEEP015A	Disconnect – reconnect motors connected to low voltage installation wiring
UEENEEP016A	Locate and rectify faults in low voltage appliances using set procedures
UEENEEP017A	Locate and rectify faults in low voltage composite appliances using set procedures
UEENEEP018A	Locate and rectify faults in low voltage control devices using set procedures
UEENEEP019A	Locate and rectify faults in low voltage water heaters using set procedures
UEENEEP020A	Locate and rectify faults in low voltage motors using set procedures
UEENEEP026A	Conduct in-service safety testing of electrical cord connected equipment and cord assemblies
UEENEEP024A	Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply
UEENEEP025A	Attach cords, cables and plugs to electrical equipment for connection to 1000 Vac. or 1500 Vd.c. supply

Test & Tag Course

The Test and Tag course has a mixture of E-Learning/Online theory and one day of practical training, on a wide range of composite equipment including portable/plugged in electrical equipment, RCD residual current devices testing and electrical cord assemblies. The conduct in-service safety testing of electrical cord assemblies and cord connected equipment course is an introduction to electrical safety and theories and the base units for all restricted electrical training.

WHO CAN DO IT?

Those looking to learn how to test and tag appliances, electrical cord assemblies, tools and RCD devices around their home and for industry and your work place.

UNITS COVERED

PRICING	Early bird	Standard
E-Learning with practical onsite training		\$495

UNIT CODE	UNIT TITLE
TAT	UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
	UEENEEP026A Conduct in-service safety testing of electrical cord connected equipment and cord assemblies

TEST & TAG TRAINING

KEY POINTS

- ▲ ONE DAY TRAINING COURSE
E-learning (complete online) followed by one day of practical training and assessment complete on site at Bizmatrix training centre.
- ▲ INCLUDED
 - All books and practical training materials are included in the course fees.
 - Upon successful completion students will receive a Statement of Attainment, which is nationally recognised.
 - Students will receive a Bizmatrix test and tag card to show onsite.

CPR/LVR Training

Your first aid training should be updated every three years, while your CPR training is required to be refreshed every 12 months. Our first aid course is firstly complete online then the practical is completed onsite.

CPR/LVR Training

Once completing the CPR/LVR training course with Bizmatrix, you will be issued a Statement of Attainment complying with its relevant nationally accredited training program.

WHO CAN DO IT?

Anyone wishing to learn more about first aid can undertake this half day course, blended e-learning and face to face training.

An up to date CPR/LVR qualification is also required for students applying for their restricted electrical licence.

UNITS COVERED

PRICING	Standard
CPR & LVR Training	\$90
CPR alone	\$60

UNIT CODE	UNIT TITLE
CPR/LVR	HLTAID001 Provide cardiopulmonary resuscitation
	UETTDRRF06B Perform rescue from a live LV panel

CPR/LVR TRAINING

KEY POINTS

▲ HALF DAY TRAINING COURSE

E-learning (complete online) followed by half a day of practical training and assessment complete on site at Bizmatrix training centre.

▲ INCLUDED

- All books and practical training materials are included in the course fees.
- Upon successful completion students will receive a Statement of Attainment for the above units which is nationally recognised.
- Students will receive a Bizmatrix CPR/LVR card to show onsite.

Other training courses

Information upon inquiry:

- First aid training
- Gas Stationary engines

Thank you

Bizmatrix tailor our training courses to suit students and organisational needs.

Thank you for taking the time to review our training scope. In the future we plan to expand further into a number of training areas and look forward to growing with you.

Contact us to find out how Bizmatrix can benefit you and help to expand your and your staff's career.

Contact us

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Kind regards,

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